

EQUIPMENT LIST (CONT.)

B. EQUIPMENT TO BE FURNISHED AND INSTALLED BY THE CONTRACTOR

ITEM NO.	DESCRIPTION	QUANTITY
----------	-------------	----------

- | | | |
|------|--|-----------|
| 1001 | Maintenance of traffic per assignment. | 2 EA |
| 2002 | Test Pit Excavation | 6 C.Y. |
| 5002 | 12" white heat applied permanent preformed thermoplastic pavement marking. | 480 L.F. |
| 5003 | 24" white heat applied permanent preformed thermoplastic pavement marking. | 150 L.F. |
| 6001 | Standard type A combination curb and gutter 12" gutter pan 8" depth. | 280 L.F. |
| 6002 | 5" concrete sidewalk. | 885 S.F. |
| 8003 | 2 wire Central Control unit | 1 EA |
| 8009 | Adjust existing handhole to grade. | 1 EA |
| 8010 | Audible/tactile pedestrian pushbutton station & signs. | 6 EA |
| 8011 | Breakaway Pedestal pole (5'). | 1 EA |
| 8011 | Breakaway Pedestal pole (10'). | 2 EA |
| 8014 | LED 16" countdown pedestrian signal head. | 6 EA |
| 8015 | LED signal head modules (any size). | 48 EA |
| 8017 | Remove and dispose of existing material and equipment per assignment. | 1 EA |
| 8028 | Schedule 80 rigid PVC conduit up to 4" - trenched. | 65 L.F. |
| 8029 | Detectable warning surfaces | 80 S.F. |
| 8034 | No. 6 AWG stranded bare copper ground wire. | 75 L.F. |
| 8046 | Install ground mounted sign. | 6 S.F. |
| 8047 | Install overhead sign. | 21 SF |
| 8056 | Electrical cable - 2 conductor (No. 14 AWG). | 1350 L.F. |
| 8058 | Electrical cable - 5 conductor (No. 14 AWG). | 1400 L.F. |

C. EQUIPMENT TO BE REMOVE

3. The Contractor shall be responsible for terminating all signal cables, to the appropriate terminals and shall properly label each cable.
4. All controller cabinet wiring will be performed by the S.H.A. Signal Shop Contract Mr. Ed Rodenhizer at (410) 787-7652 seventy-two hours in advance of intended work.
5. All underground and overhead utilities shown on these plans are schematic only and may not be complete. The Contractor shall be responsible for notifying Miss Utility prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal will occur, the Contractor shall notify the Project Engineer immediately so that the conflict may be resolved.
6. APS will function as follows:
 - TO CROSS MD 150 (EASTERN BLVD)
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Eastern Marlyn."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.
 - TO CROSS MARLYN AVENUE (NORTH)
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross North Marlyn at Eastern."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.
 - TO CROSS MARLYN AVENUE (SOUTH)
 - a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross South Marlyn at Eastern."
 - b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

All removed signal materials are to become property of the contractor.

The contact persons for District #4 are as follows:

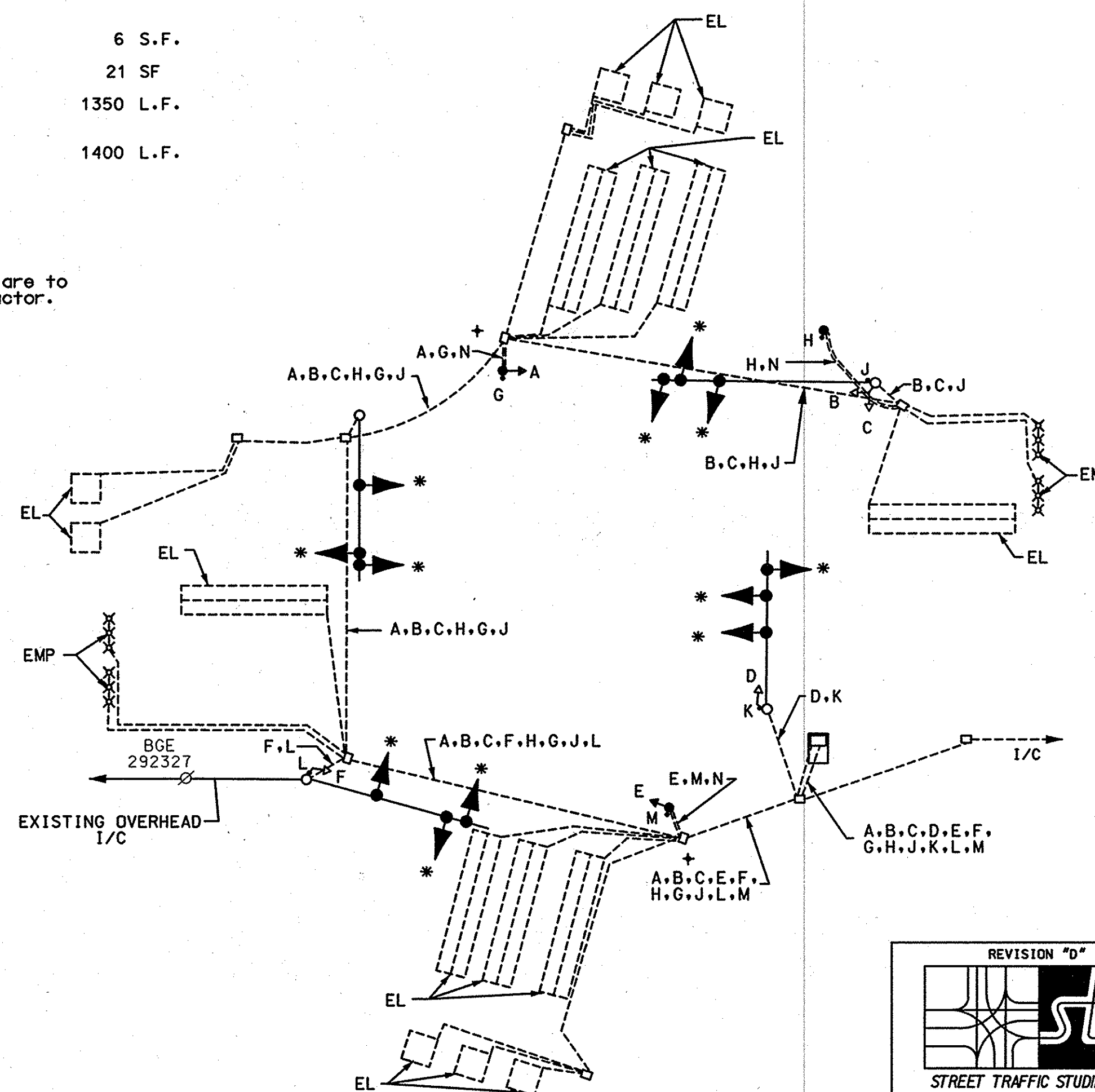
Mr. Richard L. Daff, Sr.
Chief, Traffic Operations Division
Phone: (410) 787-7630

Mr. Ed Rodenhizer
Signal Shop
410-787-7652

Mr. Sonny Bailey
Sign Shop
410-787-7676

A. EQUIPMENT TO BE SUPPLIED BY S.H.A..

ITEM NO.	DESCRIPTION	QUANTITY
9570	Sheet aluminum signs to consist of: (ground mount)	6 SF
	Pedestrian education R10-4(1) mod sign. (Note: Sign to read "PUSHBUTTON TO CROSS EASTERN BLVD").	2 EA
	Pedestrian education R10-4(1) mod sign. (Note: Sign to read "PUSHBUTTON TO CROSS MARLYN BLVD").	4 EA
9571	Sheet aluminum signs to consist of: (mast arm)	21 SF
	D3-2 "N. Marlyn AVE (arrow)/ (arrow) N. Marlyn AVE" sign. (variable x 16") (dual faced)	1 EA
	D3-2 "S. Marlyn AVE (arrow)/ (arrow) S. Marlyn AVE" sign. (variable x 16") (dual faced)	1 EA



WIRING DIAGRAM

TOD NO:XX448-02
SHA NO:BA838A52/B52
MD 150@ NORTH
MARLYN/SOUTH MARLYN

WIRING KEY

{ C O N D U C T O R S }	1-5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)
{ C O N D U C T O R S }	2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G)

N - STRANDED BARE COPPER GROUND
WIRE (NO. 6 A.W.G.)

EMP- EXISTING MICROLOOP LEAD-IN
CABLE

EL- LOOP WIRE (NO. 14 A.W.G.)
EXISTING

* - USE EXISTING CABLE

+ - GROUND ROD

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION

MD 150 (EASTERN BLVD) AND
MARLYN AVENUE
ESSEX, MAYLAND


GENERAL INFORMATION SHEET

SCALE NONE DATE 4/16/08 CONTRACT NO. XX4485185

DESIGNED BY	WRS	COUNTY	BALTIMORE
DRAWN BY	CRM	LOGMILE	03015003.88
CHECKED BY	<i>WRS</i>	TIMS NO.	1555
F.A.P. NO.		TOD NO.	

TS NO. 3017D	DRAWING NO. 2 OF 2	SHEET NO. OF
--------------	--------------------	--------------

REVISION "D"



STREET TRAFFIC STUDIES, LTD.
400 Crath Hwy., NW.
Glen Burnie, MD 21051

Ph (410) 590-5500
Fax (410) 590-6637

5402G1.DGN T-1

PLOTTED: \$DATETIME:
FILE: \$FILE\$

T-1